

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/052897

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 D06P1/642 D06P1/38 D06P3/24 D06M13/358 C07D251/40  
C07D251/48 C07D251/50 C07D251/54 C08K5/3495

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 D06P C07D C08K D06M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 39 01 717 A1 (SANDOZ-PATENT-GMBH, 7850 LOERRACH, DE) 26 July 1990 (1990-07-26) page 2, line 1 - line 9 page 4, line 1 page 5, line 30 - line 42	1-6, 10, 12
A	DE 101 35 941 A (FREUDENBERG CARL KG) 13 February 2003 (2003-02-13) the whole document	1-10
A	EP 0 702 011 A (CIBA GEIGY AG) 20 March 1996 (1996-03-20) the whole document	1-10
X	US 5 112 404 A (SOMMER ET AL) 12 May 1992 (1992-05-12) column 1, line 10 - column 4, line 12 column 9, line 62 - line 65; claims	1, 12

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents:

\*A\* document defining the general state of the art which is not considered to be of particular relevance

\*E\* earlier document but published on or after the international filing date

\*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

\*O\* document referring to an oral disclosure, use, exhibition or other means

\*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*G\* document member of the same patent family

Date of the actual completion of the international search

23 February 2005

Date of mailing of the international search report

02/03/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax (+31-70) 340-3016

Authorized officer

Koegler-Hoffmann, S

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
DE 3901717	A1	26-07-1990	BG 61860 B2 31-07-1998
			BR 9000241 A 20-11-1990
			CN 1045109 A ,C 05-09-1990
			CZ 9000307 A3 16-08-2000
			CZ 292091 B6 16-07-2003
			DE 69025963 D1 25-04-1996
			DE 69025963 T2 21-11-1996
			DE 69032665 D1 22-10-1998
			DE 69032665 T2 25-02-1999
			EP 0379470 A2 25-07-1990
			EP 0618256 A2 05-10-1994
			ES 2087141 T3 16-07-1996
			ES 2120545 T3 01-11-1998
			HK 1012654 A1 07-04-2000
			JP 2265966 A 30-10-1990
			JP 3041819 B2 15-05-2000
			KR 199220 B1 15-06-1999
			SK 30790 A3 12-07-1999
			TR 28862 A 23-09-1997
			US 6218452 B1 17-04-2001
			US 6441088 B1 27-08-2002
			US 5932640 A 03-08-1999
DE 10135941	A	13-02-2003	DE 10135941 A1 13-02-2003
			WO 03012194 A1 13-02-2003
			EP 1409788 A1 21-04-2004
			US 2004163189 A1 26-08-2004
EP 0702011	A	20-03-1996	DE 59509122 D1 03-05-2001
			EP 0702011 A1 20-03-1996
			JP 8059659 A 05-03-1996
			US 5696262 A 09-12-1997
US 5112404	A	12-05-1992	DE 3736864 A1 30-03-1989
			DE 3878804 D1 08-04-1993
			DK 517388 A 20-03-1989
			EP 0308800 A2 29-03-1989
			JP 1104662 A 21-04-1989
			JP 2677628 B2 17-11-1997